



520.36525CX2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: KAWAMAE, et al

Serial No.: Not yet assigned

Filed: November 7, 2001

COPY

For: DATA TRANSMISSION METHOD FOR EMBEDDED DATA,  
DATA TRANSMITTING AND REPRODUCING APPARATUSES  
AND INFORMATION RECORDING MEDIUM THEREFOR

Group: 2661

Examiner: S. Cangialosi

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §1.97 & 1.98

Assistant Commissioner  
for Patents  
Washington, D.C. 20231

November 7, 2001

Sir:

In the matter of the above-identified application, this Information Disclosure Statement is being submitted with the following citation as specified in 37 CFR §1.97(d).

"A copy of any patent, publication or other information listed in an Information Disclosure Statement is not required to be provided if it was previously cited by or submitted to the Office in a prior application, provided that the prior application is properly identified in the statement and relied upon for an earlier filing date under 35 U.S.C. §120."

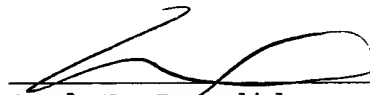
Applicant(s) are submitting herewith a copy of Form PTO-1449 which list documents cited in parent application(s) Serial No.

09/144,696, filed September 1, 1998 and related application Serial Nos. 09/144,467, filed September 1, 1998; Serial No. 09/144,989, filed September 1, 1998; and 09/148,325, filed September 4, 1998.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus Deposit Account No. 01-2135 (520.36525CX2) please credit any excess fees to such deposit account.

Respectfully submitted,



Carl I. Brundidge  
Registration No. 29,621  
ANTONELLI, TERRY, STOUT & KRAUS, LLP

CIB/jdc  
(703) 312-6600

FORM PTO-1449 U.S. Department of  
Commerce (Rev. 4/92) Patent  
and Trademark Office

ATTY. DOCKET NO.

SERIAL NO.

520.36525CX2

Not yet assigned

APPLICANT

KAWAMAE, et al

FILING DATE

November 7, 2001

GROUP

2661

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLAS S	FILING DATE IF APPROPRIATE
	5 9 6 0 0 8 1	9/99	Vynne et al	380	10	
	5 7 2 1 7 8 8	2/98	Powell et al	382	100	
	5 9 0 5 8 1 9	5/99	Daly	382	284	
	5 5 6 8 5 7 0	10/96	Rabbani	382	238	
	6 0 0 5 6 4 3	12/99	Morimoto			

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLAS S	ABSTRACT
					YES NO
6 6 3 2 9	1/94	Japan			XX
9 8 2 7 5 1 0	6/98	PCT			
8 4 0 5 1 3	5/98	European			
8 0 5 6 0 0	11/97	European			

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	Bender et al, Techniques for Data Hiding, IBM Systems Journal, vol. 35, Nos. 3 & 4, 1996, pp. 313-335.
	K. Kido, et al Improvement of MRI Image Quality by a Directional Adaptive Filter®, Systems and Computers in Japan, vol. 28, No. 10, 1997, 99-69-76.
	Papers of IEICE of Japan, D-II vol. J79-D-II, No. 8, pp. 1347-1353.
	JPEG Compression: A Digital Compression and Continuous-Tone Still Images®, ISO/IEC/0918-1
	Bors and Pitas: A Image Watermarking using DCT Domain Constraints® Proceeding of 3rd IEEE International Conference on Image Processing, 16-19 September 1996, pages 231-234.
	Nikkei Electronics 1997.2.24 (683) pp. 99-107 A Digital Watermark protects multi-media age®
	W. Pennebake et al, A Still Image Data Compression Standard® JPEG, pp. 335-353.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. Department of  
Commerce (Rev. 4/92)  
Patent and Trademark Office

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**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLAS S	FILING DATE IF APPROPRIATE
	5 7 3 7 4 1 7	4/98	Buynak et al			
	5 8 2 2 4 2 5	10/98	Ezaki et al			
	5 5 3 0 7 5 9	6/96	Braudaway et al			
	5 5 6 1 7 2 4	10/96	Kido et al			
	5 7 4 8 7 6 3	5/98	Rhoads			

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLAS S	ABSTRACT
					YES NO
0 5 8 1 3 1 7	2/94	European			
0 6 1 2 0 5 4	8/94	European			
9 5 2 0 2 9 1	7/95	PCT			
9 6 4 1 4 6 8	12/96	PCT			

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


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Commerce (Rev. 4/92)  
Patent and Trademark Office

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLAS S	FILING DATE IF APPROPRIATE
	5 6 0 6 6 0 9	2/97	Houser et al			
	5 6 3 6 2 9 2	6/97	Rhoads			
	5 8 4 8 1 5 5	12/98	Cox			
	5 8 5 9 9 2 0	11/99	Doly et al			
	5 8 8 9 8 6 8	3/99	Moskowitz et al			

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLAS S	ABSTRACT
					YES NO
9 6 3 6 1 6 3	11/96	PCT			
9 6 2 5 0 0 5	8/96	PCT			
9 7 1 4 2 4 9	4/97	PCT			Eng.Abst.
0 7 6 6 4 6 6	4/97	European			
0 6 5 1 5 5 4	5/95	European			
9 1 3 0 7 6 6	5/97	Japan			XX

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	W. Bender, et al "Data Hiding Technology for Supporting Electronic Watermark (Upper)" Nikkei Electronics, No. 683, 2/24/97, pp. 149-162.
	S. Shimizu, et al "Pixel Block Coding for Digital Still Images", IBM Japan, Ltd., Tokyo Research Lab. pp. 257-258.

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FORM PTO-1449 U.S. Department of  
Commerce (Rev. 4/92)  
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**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLAS S	FILING DATE IF APPROPRIATE
	5 5 6 1 7 2 4	10/96	Kido et al			
	5 7 4 8 7 6 3	5/98	Rhoads			

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**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLAS S	ABSTRACT
					YES NO
8 1 6 1 4 8 3	6/96	Japan			XX
9 2 3 8 0 3 1		Japan			XX
0 9 0 1 2 7 6	3/01	European			

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


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DATE CONSIDERED

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520.36525CX2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): O. KAWAMAE, et al

Serial No.: 09/986,087

Filed: November 7, 2001

COPY

For: DATA TRANSMISSION METHOD FOR EMBEDDED DATA,  
DATA TRANSMITTING AND REPRODUCING APPARATUSES

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §1.97 & 1.98**

**MS Amendment**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

September 26, 2005

Sir:

In the matter of the above-identified application, applicants are submitting herewith copies of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted before the mailing date of a first office action on the merits.

Each of the documents listed on the attached form equivalent to Form PTO-1449 is in the English language.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C., Deposit Account No. 50-1417 (520.36525CX2) please credit any excess fees to such deposit account.

Respectfully submitted,



CIB/jdc  
(703) 684-1120

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Carl I. Brundidge  
Registration No. 29,621  
MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.



**FORM PTO-1449** U.S. Department of  
Commerce Patent and Trademark Office

ATTY. DOCKET NO.

SERIAL NO.

**520.36525CX2****09/986,087**

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

APPLICANT

**O. KAWAMAE, et al**

FILING DATE

**November 7, 2001**

GROUP

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5 3 8 4 7 8 7	1/95	Yoshinaka			
	5 6 2 3 4 6 7	4/97	Kato et al			
	5 7 4 5 5 0 5	4/98	Yonemitsu et al			
	5 8 8 1 0 3 7	3/99	Tanaka et al			
	5 9 9 1 5 0 2	11/99	Kawakami et al			
	6 0 0 5 6 4 3	12/99	Morimoto et al			

COPY

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT
					YES NO

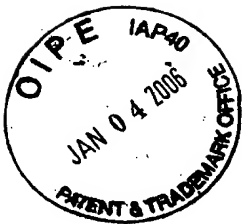
**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


EXAMINER

DATE CONSIDERED

**EXAMINER:** Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])



520.36525CX2

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): O. KAWAMAE, et al

Serial No.: 09/986,087

Filed: November 7, 2001

For: DATA TRANSMISSION METHOD FOR EMBEDDED DATA,  
DATA TRANSMITTING AND REPRODUCING APPARATUSES

Group: 2667

Examiner: T. Hoang

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §1.97 & 1.98**

**MS Amendment**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

January 4, 2006

Sir:

In the matter of the above-identified application, applicants are submitting herewith a copy of a communication from a foreign patent office in a counterpart foreign application and copies of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted before the mailing date of either a final action or a notice of allowance and is accompanied by the following certification specified in 37 CFR §1.97(e):

On information and belief, I hereby certify that each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

To the extent the documents listed on the attached form equivalent to Form PTO-1449 are not in the English language, the requirement of 37 CFR §1.98(a)(3) for a concise explanation of the relevance is satisfied by an English language version or translation of the foreign patent office report citing the documents.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C., Deposit Account No. 50-1417 (520.36525CX2) please credit any excess fees to such deposit account.

Respectfully submitted,



CIB/jdc  
(703) 684-1120

Carl I. Brundidge  
Registration No. 29,621  
MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.

**FORM PTO-1449** U.S. Department of  
Commerce Patent and Trademark Office

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

**520.36525CX2**

SERIAL NO.

**09/986,087**

APPLICANT

**O. KAWAMAE, et al**

FILING DATE

**November 7, 2001**

GROUP

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
													YES	NO
	0	7	1	3	1	4	4	3	5/95	Japan			XX	
	0	1	2	0	2	9	4	7	8/89	Japan			XX	
	6	1	1	9	4	9	3	3	8/86	Japan			XX	
	0	8	2	0	4	5	7	3	8/96	Japan			XX	
	0	8	2	5	6	1	0	4	10/96	Japan			XX	
	5	8	1	1	6	8	2	5	7/83	Japan			XX	
	6	2	1	3	1	6	3	6	6/87	Japan			XX	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])



## LISTS OF DOCUMENTS

(A-1) Notice of Reasons of Rejections of JP application No. Hei 9-236709, issued by Japanese PTO on October 25, 2005, in relation to the corresponding Japanese Patent Application of this case; and

(A-2) Notice of Reasons of Rejections of JP application No. Hei 9-280201, issued by Japanese PTO on October 25, 2005, in relation to the other corresponding Japanese Patent Application of this case.

(B-1) Japanese Patent Laying-Open No. Hei 07-131443 (1995) and English abstract thereof, cited in both (A-1) and (A-2) mentioned above;

(B-2) Japanese Patent Laying-Open No. Hei 01-202947 (1989) and English abstract thereof, cited in only (A-1) mentioned above;

(B-3) Japanese Patent Laying-Open No. Sho 61-194933 (1986) and English abstract thereof, cited in only (A-1) mentioned above;

(B-4) Japanese Patent Laying-Open No. Hei 08-204573 (1996) and English abstract thereof, cited in only (A-1) mentioned above;

(B-5) Japanese Patent Laying-Open No. Hei 08-256104 (1996) and English abstract thereof, cited in both (A-1) and (A-2) mentioned above;

(B-6) Japanese Patent Laying-Open No. Sho 58-116825 (1983) and English abstract thereof, cited in only (B-1) mentioned above; and

(B-7) Japanese Patent Laying-Open No. Sho 62-131636 (1987) and English abstract thereof, cited in only (B-1) mentioned above.

End